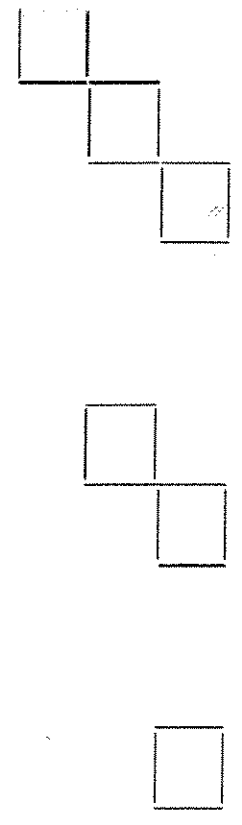


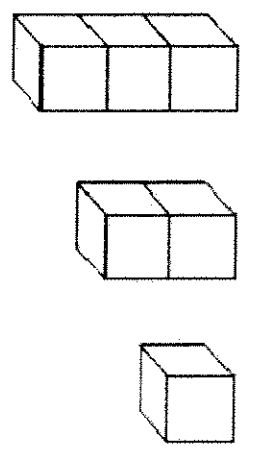
### 2.3.1: Pattern Practice (continued)

3. Use toothpicks:



Term Number	Number Tiles/ Picks/Cubes	Description
1	4	add 4 toothpicks everytime.
2	8	add four
3	12	add four
20	80	add four
$n$	4n	

4. Determine the number of faces that you can see in each term:



Term Number	Number Tiles/ Picks/Cubes	Description
1	1	one is being added every time.
2	2	add one
3	3	add one
20	20	add one until 20
$n$	1n	